

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 59       | 3810 | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 17:51 |
| 60       | 878  | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.) and (first same second same (insulating or insulator or dielectric or (oxide with nitride)) same trench) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 17:54 |
| -        | 3810 | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 17:50 |
| -        | 2398 | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.) and trench   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:10 |
| -        | 340  | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.) and trench) and (trench with (horizontal or lateral or orthogonal or perpendicular))                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:11 |
| -        | 387  | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.) and trench) and (trench with (horizontal or lateral or orthogonal or perpendicular))                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:29 |
| -        | 1    | ("6734542").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:56 |
| -        | 2375 | trench near5 (horizontal or lateral)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:57 |
| -        | 208  | ((438/218,219,221,222,223,296,404,412,413,424,426,429,435) or (257/501,513)).CCLS.) and (trench near5 (horizontal or lateral))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 12:57 |
| -        | 12   | ("3919060"   "4240097"   "4272880"   "4397075"   "4603341"   "4685198"   "4763179"   "5068199"   "5096849"   "5112771"   "5160987"   "5319240").PN.  | USPAT                                       | 2004/09/30 13:15 |
| -        | 37   | 3919060.URPN.  | USPAT                                       | 2004/09/30 13:22 |
| -        | 9    | ("3656034"   "3713908"   "3904450"   "3919060"   "3966577"   "3971059"   "4057823"   "4104086"   "4104090").PN.  | USPAT                                       | 2004/09/30 14:34 |
| -        | 24   | 4264382.URPN.  | USPAT                                       | 2004/09/30 14:35 |
| -        | 2    | ("4264382"   "4333227").PN.  | USPAT                                       | 2004/09/30 14:39 |
| -        | 34   | 4925805.URPN.  | USPAT                                       | 2004/09/30 14:39 |
| -        | 4    | ("4157269"   "4264382"   "4351099"   "4352238").PN.  | USPAT                                       | 2004/09/30 14:54 |
| -        | 15   | 4497107.URPN.  | USPAT                                       | 2004/09/30 14:55 |
| -        | 15   | 5583368.URPN.  | USPAT                                       | 2004/09/30 15:28 |
| -        | 6    | ("3419956"   "3575740"   "3966577"   "4104086"   "4104090"   "4196440").PN.  | USPAT                                       | 2004/09/30 15:33 |
| -        | 42   | 4502913.URPN.  | USPAT                                       | 2004/09/30 15:34 |
| -        | 4    | ("4502913"   "4661832"   "4888300"   "4925805").PN.  | USPAT                                       | 2004/09/30 15:37 |
| -        | 9    | ("4021266"   "4353086"   "4419150"   "4466180"   "4485551"   "4522682"   "4580331"   "4584762"   "4611387").PN.  | USPAT                                       | 2004/09/30 15:39 |
| -        | 24   | 4888300.URPN.  | USPAT                                       | 2004/09/30 15:40 |

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|---|----|---|---|------------------|
| - | 34 | ("4571609"   "4682407"   "4683637"   "4888300"  <br>"5097312"   "5262346"   "5324671"   "5391503"  <br>"5401998"   "5466630"   "5489762"   "5494837"  <br>"5543338"   "5618345"   "5620912"   "5674760"  <br>"5683932"   "5702989"   "5801397"   "5804856"  <br>"5811855"   "5825696"   "5846857"   "5877046"  <br>"5879975"   "5894152"   "5907768"   "5963789"  <br>"5972758"   "5976945"   "5977579"   "6004864"  <br>"6008104"   "6066527").PN. | USPAT                                       | 2004/09/30 15:42 |
| - | 0  | 6245636.URPN.   | USPAT                                       | 2004/09/30 15:44 |
| - | 3  | ("4766666"   "4888300"   "4925805").PN.   | USPAT                                       | 2004/09/30 15:48 |
| - | 40 | 5427975.URPN.   | USPAT                                       | 2004/09/30 15:48 |
| - | 3  | ("4502913"   "4661832"   "4888300").PN.   | USPAT                                       | 2004/09/30 15:53 |
| - | 23 | 5227658.URPN.   | USPAT                                       | 2004/09/30 15:53 |
| - | 4  | ((("6429091") or ("5153813") or ("4849376") or<br>("20020185469")).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>IBM_TDB | 2004/09/30 16:16 |